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**From:** Turin, David  
**Sent:** Thursday, February 18, 2016 8:38 AM  
**To:** Aram Varjabedian; Burns, David (DEP)  
**Cc:** Dow, James; Frank Cavaleri; Kevin Stetson  
**Subject:** RE: Planned plant power shutdown - Hull Wastewater Plant - MA0101231

Hi Aram,

Thank you for your email.

If the flows are as anticipated (e.g., you are adequately accounting for potential peak flow rates while the work is being performed), and the work is completed in the time anticipated, you should be fine. However, please be aware that the Town is potentially liable under the bypass regulations if an untreated discharge occurs and it is concluded that additional measures could have been employed to avoid the discharge.

Dave

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**From:** Aram Varjabedian [mailto:avarjabedian@woodardcurran.com]  
**Sent:** Thursday, February 18, 2016 7:08 AM  
**To:** Burns, David (DEP) <david.burns@state.ma.us>; Turin, David <Turin.David@epa.gov>  
**Cc:** Dow, James <jdow@town.hull.ma.us>; Frank Cavaleri <fcavaleri@woodardcurran.com>; Kevin Stetson <kstetson@woodardcurran.com>  
**Subject:** Planned plant power shutdown - Hull Wastewater Plant - MA0101231

Gentlemen:

The Hull wastewater facility is planning a power shutdown next Wednesday, February 24<sup>th</sup>, weather permitting, in order to perform electrical preventive maintenance on the main switchgear and main breakers. Also, current trip settings will be adjusted per the recent Arc Flash study that was completed on the main breakers. The project is being co-ordinated with the Hull Municipal Light Dept, EESCO, and facility staff. During the time of the shut down, the emergency generators will be off line. Influent sewage will be pumped into the off-line tanks – one primary clarifier, two aeration tanks, and one secondary clarifier. The wastewater will be held until power is restored and be pumped back into the plant when power is restored.. The off-line capacity [0.85 MG] will provide approximately 8-10 hours of detention time at flow rate of 2.0-2.5 MG, and the preventive maintenance work will take about 6 hours to complete. No untreated wastewater will leave the facility.

Influent pumping will be done with the Godwin pump that is currently set up as an emergency pump at the influent wetwell, and there will be additional portable pumps set up, in case needed, on the influent and effluent wet wells.

Should plans be changed due to weather or unanticipated higher flows, will inform keep you informed, and I will inform you when the testing is completed, with the plant back on line.

Please let me know if you have any concerns or questions.

Sincerely,

Aram

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